BEST AVAILABLE COPY Sheet 1 of 1 FORM PTO-1449 U.S. DEPARTMEN, OF COMMERCE SERIAL NO. APR 1 3 2G30 DOCKET NO. (Rev. 2-32) PATENT AND TRADEMARK OFFICE 09/472.954 Q56523 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT Takao KUWABARA FIRADE (Use several sheets if necessary) **FILING DATE GROUP** December 27, 1999 U.S. PATENT DOCUMENTS **EXAMINER DOCUMENT NUMBER** DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE 4,803,359 02/07/89 HOSOI et al 250 327.2 5,187,369 02/16/93 KINGSLEY et al 250 370.11 FOREIGN PATENT DOCUMENTS **DOCUMENT NUMBER** DATE COUNTRY CLASS SUBCLASS TRANSLATION YES/NO 7-72256 03/17/95 JΡ GO1T 1/20 Abstract 59-211263 11/30/84 JP HO1L 27/14 2-164067 06/25/90 JP HO1L 27/146 **Abstract** 92/06501 04/16/92 wo H01L 27/14 Abstract 1-216290 08/30/89 JP **G01T** 1/24 Abstract 10-232824 09/02/98 JΡ GO6F 12/06 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Antonuk, L.E. et al, "Signal, Noise, and Readout Considerations in the Development of Amorphous Silicon Photodiode Arrays for Radiotherapy and Diagnostic X-ray Imaging", SPIE Vol. 1443, Medical Imaging V, Image Physics (1991), pp. 108-119 Qureshi, S. et al, "Material Parameters in Thick Hydrogenated Amorphous Silicon Radiation Detectors", Lawrence Berkley Laboratory, University of California Naruse, Y., "Metal/Amorphous Silicon Multilayer Radiation Detectors", IEE Transactions on Nuclear Science,

**DATE CONSIDERED** 

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**EXAMINER**